



**Missouri Department of Natural Resources**  
**Honey Creek - WBID 0554**  
**Aquatic Invertebrate Monitoring by MoDNR 2005-2006**

Org	Site	Site Name	Date	Score
MoDNR	554/1.6	Honey Cr. @ CR 208	Fall 2005	18
MoDNR	554/6.2	Honey Cr. @ US 65	Fall 2005	18
MoDNR	554/13	Honey Cr. 3 mi. E. of Trenton	Fall 2005	20
MoDNR	554/15.9	Honey Cr. @ NE 43rd St.	Fall 2005	20
MoDNR	554/21.8	Honey Cr. @ NE 100th St.	Fall 2005	16
MoDNR	554/1.6	Honey Cr. @ CR 208	Spring 2006	20
MoDNR	554/6.2	Honey Cr. @ US 65	Spring 2006	20
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MoDNR	554/21.8	Honey Cr. @ NE 100th St.	Spring 2006	16

The Missouri Department of Natural Resources collected and analyzed aquatic invertebrate samples. Staff followed the department's Environmental Services Program's written standard operating methods contained in "Semi-Quantitative M. Macroinvertebrate Stream Bioassessment" by R. Sarver, 2003. Invertebrate communities are judged to be impaired if the percent of sampling sites receiving a score of 16 or more is significantly less than for reference streams in the same ecological drainage unit. Scores of 16 or more are considered to reflect unimpaired macroinvertebrate communities.

Reference streams in this ecological drainage unit score 16 or higher on 79.5 percent of all samples. For Honey Creek, 10 of 10 samples, or 100 percent, scored 16 or higher. This is a higher percentage than the reference streams in this ecological drainage unit. Thus, Honey Creek is judged to have an **unimpaired** aquatic invertebrate community.

Missouri Department of Natural Resources, Water Protection Program, [www.dnr.mo.gov](http://www.dnr.mo.gov), (573) 751-1300

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